

## Sunday, January 1, 2012

### 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Bonnie Clapp will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for her as you hike to the palm oasis. This is not a guided hike.

### 10:00 a.m. New Year's Day Resolution Hike - Hike Alcoholic Pass!

3 Hours

Join Volunteer Naturalists Ron & Peg Poitras to experience and discover the prehistory, history, and present-day journey of those who have used this trail for food, water, work, and fun. Meet at the north end of DiGiorgio Road. This is a strenuous but relatively short hike, bring water, snacks and wear hiking boots. This hike is being offered as a First Day Hike, to celebrate January 1 along with hikers throughout America's State Parks, and will be repeated today at 1:00 pm.

## 11:00 a.m. Talk & - "Song Dog" ... The Wiley Coyote

1 Hour

Have you heard them at night? Have you seen them...even during the day? Coyotes are increasing their range and increasing their numbers, and they're right here in Anza-Borrego and in town too. Join Volunteer Naturalist Thad McManus as we explore the myths and realities of our desert neighbor.

### 1:00 p.m. New Year's Day Resolution Hike - Hike Alcoholic Pass!

3 Hours

See description listed for 10:00 a.m.



### Monday, January 2, 2012

## 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Joe Hopkins will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for him as you hike to the palm oasis. As an experienced naturalist, he can answer many of your questions about the park. If bighorn are about, he is sure to find them! This is not a guided hike.

UNLESS NOTED, ALL PROGRAMS ARE FREE OF CHARGE AND HELD AT THE VISITOR CENTER (OPEN DAILY).

B. DENOTES PROGRAMS ACCESSIBLE TO DISABLED. PLEASE CALL AHEAD FOR SPECIAL NEEDS

ACCOMMODATION, (760) 767-4205.



## Tuesday, January 3, 2012

### 9:00 a.m. Sahara Mustard Field Training and Work Session

5 Hours

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. You will be invited to register as a park volunteer if you would like to help remove mustard on park land. Authorized volunteers will be removing mustard after the training. Please bring gloves, a hoe, preferably a stirrup or a Hula Hoe, or other weeding tools. Rain cancels.

## Wednesday, January 4, 2012

### 9:00 a.m. Hike - Lower Willows

4 Hours

Join Volunteer Naturalists Ted Caragozian and Paul Larson for a moderately strenuous hike in lower Coyote Canyon, including Coyote Creek, the rocky Bypass Road, and hopefully a variety of birds. Meet at the end of the pavement at the north end of DiGiorgio Road.

### 9:00 a.m. Sahara Mustard Field Training and Work Session

**5 Hours** 

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. You will be invited to register as a park volunteer if you would like to help remove mustard on park land. Authorized volunteers will be removing mustard after the training. Please bring gloves, a hoe, preferably a stirrup or a Hula Hoe, or other weeding tools. Rain cancels.

### Thursday, January 5, 2012

## 9:00 a.m. Sahara Mustard Work Session for Authorized Park Volunteers

5 Hours

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. Volunteers must have attended one of the scheduled training sessions and been authorized to work within the park. Please bring gloves and a hoe, preferably a stirrup hoe or a Hula Hoe, or other weeding tools. Session continues after lunch, 1-3 pm. Rain cancels.

## Friday, January 6, 2012

## 6:30 p.m. Talk & - Mustard Presentation

2 Hours

Join Park Botanist Larry Hendrickson to learn about the invasive mustard that is threatening our local wildflowers. Meet in the Discovery Lab at the Visitor Center.

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Saturday, January 7, 2012

8:00 a.m. 4WD Tour - East of Algodones

9 Hours



Leader: Paul Johnson

Fee: \$70/\$60 for ABF members

Join Paul Johnson on this 4WD tour of the fascinating and beautiful places in the Colorado Desert, east of the old Algodones Sand Dunes. Call 760-767-4063 for details and to register.

## 11:00 a.m. - & - Junior Rangers

45 Min.

Special program for children ages 7-12. Discover secrets of the desert environment. Sign up at the Visitor Center as space is limited.

### 12:00 p.m. Hike – Discovering the Archaeological History of the Morteros

2 Hours

Discover the hidden secrets of an ancient Native American village site. Join Volunteer Archaeologist and Naturalist Sam Webb to explore both rock art and historic milling features. This 1.5 mile hike is over uneven terrain. Be sure to bring the usual water, hat, and sturdy footwear. Meet at the Morteros trailhead in Blair Valley, 3 miles off Highway S-2.

## 1:30 p.m. Garden Walk & - Small World

1 Hour

Everyone is impressed with the vast dimensions and stunning vistas of Anza-Borrego Desert State Park. The desert is equally impressive on a micro-scale. Stretch your perspective and explore the natural history of the park up close and personal with Volunteer Naturalist Daniel Hellyer for a 1 hour easy walk. Meet at the Visitor Center.

#### 3:00 p.m. Hike - Sunset/Moonlight Hike

4 Hours

Join Volunteer Naturalists Ted Caragozian and Paul Larson for a desert hike to enjoy the sunset over the mountains and return under the nearly full moon to get a different perspective of the desert at a surprise location. Bring warm clothes and a flashlight (to be used only if necessary). Limited to 15 participants – sign up at the Visitor Center; include your phone number for meeting details.

## 7:30 p.m. Campfire 🕹 - "Boulders, Palm Trees and Water, OH MY!"

1 Hour

What happens when a 16-foot wall of water comes pouring out of Borrego Palm Canyon? Join Ranger Jennifer Rodriguez at the Borrego Palm Canyon Campfire Center as she tells all.

## 7:30 p.m. Lecture 🕹 - Baja California: Botany in our Backyard

11/2 Hours



Speaker: Jon Rebman

Fee: \$5

Join Jon Rebman, Ph.D., Curator of Botany at San Diego Natural History Museum, for a talk on what makes Baja California and its plants so unique. Join us at Borrego Springs Performing Arts Center (590 Palm Canyon Dr, Borrego Springs, CA 92004) for this intriguing lecture, followed by refreshments. Call 760-767-4063 for details; no registration required.

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### Sunday, January 8, 2012

### 8:00 a.m. Plants of the Pinyon Mountains

7 Hours



Instructor: Jon Rebman Fee: \$55/\$45 for ABF members Join Jon Rebman, Ph.D., Curator of Botany at San Diego Natural History Museum, for this field class in the beautiful Pinyon Mountains of Anza-Borrego Desert State Park. Learn about the wide variety of plants in this area as you explore multiple locations along Pinyon Mountain Road, a part of the park that's dominated by Pinyon/Juniper Woodland. Call 760-767-4063 for details and registration.

### 9:00 a.m. Junior Rangers at Bow Willow Campground

1 Hour

Join Ranger D.L. Stephen at Bow Willow Campground to learn some of the special history of Anza-Borrego Desert State Park in this program geared for children ages 7-12.

### 1:00 p.m. Lecture - Night Sky Photography Basics

1 Hour



Instructor: Dennis Mammana Fee: \$10

Enjoy some of Mammana's classic night sky images as you learn the basics of capturing beautiful celestial photographs during this one-hour presentation. Walk-ins welcome! Call 760-767-4063 for details.

## Monday, January 9, 2012

### 10:00 a.m. Lecture - Plants of Baja California

1 Hour

Jon Rebman, PhD, Curator of Botany at San Diego Natural History Museum, will talk about the third edition of the Baja California Plant Field Guide. This talk is sponsored by the Anza-Borrego Desert State Park Botany Society and is open to the public. Meet in the Discovery Lab at the Visitor Center. Seating is limited.

## Tuesday, January 10, 2012

### 9:00 a.m. Sahara Mustard Field Training and Work Session

5 Hours

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. You will be invited to register as a park volunteer if you would like to help remove mustard on park land. Authorized volunteers will be removing mustard after the training. Please bring gloves, a hoe, preferably a stirrup or a Hula Hoe, or other weeding tools. Rain cancels.

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## Wednesday, January 11, 2012

## 9:00 a.m. Sahara Mustard Work Session for Authorized Park Volunteers

**5 Hours** 

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. Volunteers must have attended one of the scheduled training sessions and been authorized to work within the park. Please bring gloves and a hoe, preferably a stirrup hoe or a Hula Hoe, or other weeding tools. Session continues after lunch, 1-3 pm. Rain cancels.

### Thursday, January 12, 2012

### 9:00 a.m. Sahara Mustard Work Session for Authorized Park Volunteers

5 Hours

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. Volunteers must have attended one of the scheduled training sessions and been authorized to work within the park. Please bring gloves and a hoe, preferably a stirrup hoe or a Hula Hoe, or other weeding tools. Session continues after lunch, 1-3 pm. Rain cancels.

### Friday, January 13, 2012

### 9:00 a.m. Lecture - Osteology: How Bones Work

3 Hours

This lecture, given by Dr. Lyndon Murray, District Paleontologist, and Dr. Sharron Sussman, is one of the Paleontology Society's Monthly Certification Class lectures that is open to the public. Meet at the Discovery Lab in the Visitor Center.

### 9:00 a.m. Sahara Mustard Work Session for Authorized Park Volunteers

**5 Hours** 

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. Volunteers must have attended one of the scheduled training sessions and been authorized to work within the park. Please bring gloves and a hoe, preferably a stirrup hoe or a Hula Hoe, or other weeding tools. Session continues after lunch, 1-3 pm. Rain cancels.

## Saturday, January 14, 2012

### 9:00 a.m. Hike - Heavenly Hike Through Hellhole Canyon

5 Hours

Join Volunteer Naturalists Paul Larson and Ted Caragozian for a six-mile (round trip) moderately strenuous exploration of Hellhole Canyon. Meet at the Hellhole Canyon parking area; take S-22 south from Palm Canyon Drive approximately 1 mile. The parking area is on the right hand side of the road. Due to the difficult terrain, wear sturdy footwear and bring a hat, sunscreen, lunch and plenty of water.

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Saturday, January 14, 2012 (continued)

### 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Ann Keenan will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for her in her volunteer vest as you hike to the palm oasis. This is not a guided hike.



## 9:30 a.m. Talk 🖔 - Behind that Pretty Face is a Stealthful Killer

1 Hour

The long-eared owl has several unique adaptations for survival. Join Volunteer Naturalist Beth Shugan and discover what makes this owl such a stealthy hunter.

## 11:00 a.m. Talk & - "Song Dog" ... The Wiley Coyote

1 Hour

Have you heard them at night? Have you seen them...even during the day? Coyotes are increasing their range and increasing their numbers, and they're right here in Anza-Borrego and in town too. Join Volunteer Naturalist Thad McManus as we explore the myths and realities of our desert neighbor.

## 1:30 p.m. Garden Walk 🖔 - Small World

1 Hour

Everyone is impressed with the vast dimensions and stunning vistas of Anza-Borrego Desert State Park. The desert is equally impressive on a micro-scale. Stretch your perspective and explore the natural history of the park up close and personal with Volunteer Naturalist Daniel Hellyer for a 1 hour easy walk. Meet at the Visitor Center.

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Saturday, January 14, 2012 (continued)

7:30 p.m. Campfire - 🖔 - Mysteries of Anza-Borrego

1 Hour

Take a deeper look into the past. Join Ranger Josh for a trip into the earlier times of Anza-Borrego Desert State Park. Meet at the Borrego Palm Canyon Campfire Center.

### 7:30 p.m. Campfire Program at Bow Willow – Owls: The Eyes into Your Culture 1 Hour

Bow Willow Ranger D.L. Stephen takes you on a journey exploring why owls are important to numerous cultures. *This is not your typical campfire program* but takes you back to a time when people gathered around a campfire, telling stories. This story tells the tale of the night's silent hunters' position in different cultures' mythology through the use of various forms of puppetry.

### Sunday, January 15, 2011

7:30 a.m. Walk - Bird Walk

1½ Hours

Join Volunteer Naturalist Ann Keenan for a walk around the Visitor Center vicinity looking for the common birds of our desert. All birding levels welcome. Meet in the Visitor Center parking lot. Please bring binoculars. Rain cancels.



### 9:00 a.m. Junior Rangers at Bow Willow Campground

1 Hour

Join Ranger D.L. Stephen at Bow Willow Campground to learn some of the special history of Anza-Borrego Desert State Park in this program geared for children ages 7-12.

### 10:00 a.m. Hike - Hidden Vista

1 Hour

Hike about ½ mile to the Bill Kenyon Overlook from Yaqui Pass Camp. We will explore the rocky habit along the trail to reach the dramatic overlook. Take Yaqui Pass Road (S-3) and meet Ranger Jeri Zemon at the far end of Yaqui Pass Camp (mile marker #2) at 10:00 a.m.

#### 10:00 a.m. Hike - Milling Around Mine Wash

4 Hours



Instructor: Hank Barber

Fee: \$35/\$25 for ABF

Join us for this fascinating 2-mile hike around an ancient Kumeyaay village site to see hundreds of bedrock mortars, slicks, basins and rubs. The adventure will include stops for wildflower identification and discussions of desert Indians' use of plants for food, clothing, shelter and medicine. Call 760-767-4063 for details and registration.

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## Monday, January 16, 2012

## 11:00 a.m. Talk 🖔 - Borregos in Their Park

1 Hour

If you haven't had the opportunity to get up close and personal with the namesake of the Park, or even if you have seen the Desert Bighorns, you can learn what makes these animals the favorites of Park visitors. Join Volunteer Naturalist Thad McManus as we explore the world of the Desert Bighorn.

## 1:00 p.m. Talk 🖰 - Snakes in Anza-Borrego Desert State Park

1 Hour

Volunteer Naturalist Joe Hopkins introduces the snake species that frequent Anza-Borrego Desert State Park and the surrounding areas.

## Wednesday, January 18, 2012

### 8:30 a.m. Hike - Lute Fault

3 Hours

Earthquake geology, local history and desert plant life will be the focus of this hike. Meet Volunteer Naturalist Ted Caragozian at the call box across from Thimble Trail on S-22 at Mile Marker 31.9. Bring water and sturdy shoes for this for this 2-3 mile round trip hike on uneven ground.

### Walk 🖔 - Desert Scents

1 Hour

Enjoy an easy stroll through the visitor center garden with Volunteer Naturalist Ingrid Coffin. Use your senses on this plant exploration program that meets at the Visitor Center entrance.

## Thursday, January 19, 2012

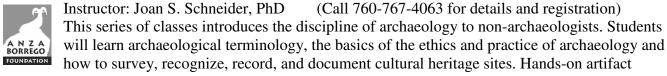
### 9:00 a.m. Hike - Badlands Bench with a View

2 Hours

Join Volunteer Naturalists Paul Larson and Mary Ekelund for a moderate 2 ½ mile hike up a badlands wash to a memorial bench with a marvelous view. Learn about some interesting plants and geological features along the way. Meet at the intersection of Inspiration Wash and S-22 by driving east on S-22 past mile marker 28 for 1/2 mile.

### 6:00 p.m. Class – Archaeology for Citizen Scientists: an Introduction

2 Days



recognition, local prehistory, the use of compass and GPS, and map-reading will be presented.

## Friday, January 20, 2012

7:00 p.m. Talk – Stargazing with Binoculars (rainy or cloudy weather cancels)

1 Hour

Meet at the Visitor Center to discover how binoculars can help you explore the beautiful night sky! Dress warmly and bring binoculars, if you have them, and a flashlight (red lens preferable).

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### Saturday, January 21, 2012

### 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Ann Keenan will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for her in her volunteer vest as you hike to the palm oasis. This is not a guided hike.

### 9:00 a.m. Sahara Mustard Field Training and Work Session

**5 Hours** 

Meet on Henderson Canyon Road ½ mile east of the intersection with Borrego Valley Road at the demonstration plot on the north side of the road. Wear sturdy hiking boots, sunscreen, and bring water and snacks/lunch. You will be invited to register as a park volunteer if you would like to help remove mustard on park land. Authorized volunteers will be removing mustard after the training. Please bring gloves, a hoe, preferably a stirrup or a Hula Hoe, or other weeding tools. Rain cancels.

## 11:00 a.m. Talk 🖔 - What Kind of Bird is That? – Basic Birding in Borrego

1 Hour

Visitors to Anza-Borrego Desert State Park often ask about birds they've seen. There are over 300 bird species found in the park, but there are a few that visitors will almost always see. Join Volunteer Naturalist Thad McManus in the Discovery Lab to learn about the most commonly seen birds in the park, as well as where to find them. Novice birders can easily learn 15 different species, and more experienced birders will learn some fascinating new insights into the behavior of some species they already know.

### 12:00 p.m. Hike – Discovering the Archaeological History of the Morteros

2 Hours

Discover the hidden secrets of an ancient Native American village site. Join Volunteer Archaeologist and Naturalist Sam Webb to explore both rock art and historic milling features. This 1.5 mile hike is over uneven terrain. Be sure to bring the usual water, hat, and sturdy footwear. Meet at the Morteros trailhead in Blair Valley, 3 miles off Highway S-2.

## 1:30 p.m. Garden Walk & - Small World

1 Hour

Everyone is impressed with the vast dimensions and stunning vistas of Anza-Borrego Desert State Park. The desert is equally impressive on a micro-scale. Stretch your perspective and explore the natural history of the park up close and personal with Volunteer Naturalist Daniel Hellyer for a 1 hour easy walk. Meet at the Visitor Center.

### 7:30 p.m. Campfire 👆 – Who are the Creatures in Your Neighborhood?

1 Hour

Diurnal, Nocturnal, Desert Life

Relies on temperature to make livin' right!

Come to campfire with Ranger Steve

Learn things about Desert Creatures you won't believe!

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## Sunday, January 22, 2012

7:30 a.m. Walk - Bird Walk

1½ Hours

Join Volunteer Naturalist Ann Keenan for a walk around the Visitor Center vicinity looking for the common birds of our desert. All birding levels welcome. Meet in the Visitor Center parking lot. Please bring binoculars. Rain cancels.

#### 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Bonnie Clapp will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for her as you hike to the palm oasis. This is not a guided hike.

### 1:00 p.m. Lecture - Desert Stargazing Basics

1 Hour



Instructor: Dennis Mammana

Fee: \$10

In this one-hour lecture at the Visitor Center, astronomer Dennis Mammana will demonstrate how to read a star map, how to use your eyes like a pro, and how to find those seemingly impossible star patterns. Walk-ins welcome! Call 760-767-4063 for details.

## Wednesday, January 25, 2012

## 11:00 a.m. Walk 🖔 - Those Amazing Desert Plants!

1 Hour

Explore the Visitor Center garden with Park Interpreter Sally Theriault and discover some of the unique strategies that help plants survive here. Meet in front of the Visitor Center.

### Thursday, January 26, 2012

### 9:00 a.m. Hike - Mountain Palm Springs

5 Hours

Join Volunteer Naturalists Paul Larson and Mary Ekelund for a moderate to strenuous 5-mile loop hike through several palm groves and Torote Bowl at the southern end of the park. Bring water, lunch, binoculars, hat, sunscreen and sturdy footwear. Meet at the entrance to Mountain Palm Springs on Highway S-2 at mile post 47.1.

## Saturday, January 28, 2012

## 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Toni Alexander will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for her in her volunteer vest as you hike to the palm oasis. This is not a guided hike.

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### Saturday, January 28, 2012

### 10:00 a.m. Talk 🖔 - Behind that Pretty Face is a Stealthful Killer

1 Hour

The long-eared owl has several unique adaptations for survival. Join Volunteer Naturalist Beth Shugan and discover what makes this owl such a stealthy hunter.

## 11:00 a.m. - 🕹 - Junior Rangers

45 Min.

Special program for children ages 7-12. Discover secrets of the desert environment. Sign up at the visitor center as space is limited.

### 12:30 p.m. Workshop – Desert Night Sky Photography

2 Days

Speaker: Dennis Mammana

Fee: \$100/\$90 for ABF members



If you enjoy photography and are fascinated by the desert night sky, this two-day hands-on workshop is for you! Noted night sky photographer Dennis Mammana will teach participants how to use even the simplest of cameras, along with a few tricks-of-the-trade, to create magnificent celestial portraits. Call 760-767-4063 for details and registration.

## 7:30 p.m. Campfire- Wildflowers of Anza-Borrego

Explore the beauty of the desert in bloom! From fields of annuals to colorful washes to brilliant cacti, flowers abound as the desert comes alive in the spring! Join Ranger Nicole at the Borrego Palm Canyon Campfire Center.

### Sunday, January 29, 2012

### 9:00 a.m. Talk - Tailgate Tour

1 Hour

Meet Ranger Steve at the entrance to Fish Creek, just off Split Mountain Road.

#### 9:00 a.m. Hike - Roving Naturalist in Borrego Palm Canyon

3 Hours

Volunteer Naturalist Bonnie Clapp will be roaming the Borrego Palm Canyon Trail searching for bighorn sheep and other interesting features along the trail. Look for her as you hike to the palm oasis. This is not a guided hike.



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## DESERTSAFETY

## ✓ Carry water AND drink it

Saving your water for the hike back has led to death in Anza-Borrego. Drink plenty of water before you leave home, while you hike, and on the return route. If you feel thirsty, it is already too late. Drink lots of water and drink often.

## ✓ Make sure your vehicle is desert-ready.

Equip your vehicle for the desert. You should always carry extra water, a shade tarp, a shovel, a tire pump, and extra food.

### **✓** Prepare yourself.

In addition to carrying water, you should have protective clothing, sunscreen, a hat, a good map, food and a first aid kit which includes a comb and tweezers.

## ✓ Have a plan.

Leave all your trip information with a friend. Tell him/her your destination, the route you intend to follow, your expected return time, a description of your vehicle with license plate number, and the time by which he/she should notify park authorities in case you do not return.

## ✓ Do not split up the group

Stay together. Never leave anyone behind to rest.

### ✓ Leave snakes alone.

Many venomous snakes live in the desert. If you threaten them, they may strike. It is illegal to harass, catch, or kill any snake within Anza-Borrego. If bitten, remain calm and seek immediate medical attention.

## **✓** When emergencies happen ...

Stop. Stay calm. Seek shelter. If you are with your vehicle, remain there; do not leave it. Signal with mirrors, white cloth, whistle (three short blasts on a whistle, pause, then three more, repeat frequently), and put your hood up. It is much easier to find a vehicle in the desert than a person!!!

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